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DATE: March 10, 2005
FILE NO: NVDA P000600
TO: Luu, Matthew
FAX NO: 703-872-9306
PHONE NO:
COMPANY: USPTO
FROM: John C. Carey
PAGE(S) with cover: 3
ORIGINAL TO FOLLOW? ☐ YES ☒ NO

RESPONSE TO RESTRICTION ACTION DATED FEBRUARY 11, 2005

TITLE: GENERATION OF JITTERED SUB-PIXEL SAMPLES USING
PROGRAMMABLE SUB-PIXEL OFFSETS
U.S. SERIAL NO.: 10/726,125
FILING DATE: December 2, 2003
INVENTOR: Bastos et al.
EXAMINER: Luu, Matthew
GROUP ART UNIT: 2676
CONFIRMATION NO.: 3536

CONFIDENTIALITY NOTE

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NVDA/P000600

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Bastos et. al
Serial No.: 10/726,125
Confirmation No.: 3536
Filed: 12/02/2003
For: Generation of Jittered Sub-Pixel
Samples Using Programmable
Sub-Pixel Offsets

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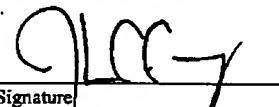
Group Art Unit: 2676

MAR 10 2005

Examiner: Luu, Matthew

Commissioner for Patents
P.O. Box 4150
Alexandria, VA 22313-1450

Dear Sir:

CERTIFICATE OF FACSIMILE TRANSMISSION UNDER 37 CFR 1.8	
I hereby certify that this correspondence and the documents referred to as attached therein are being facsimile transmitted to the U.S. Patent and Trademark Office to the fax number indicated by the Examiner, namely, fax number 703-872-9306 to the attention of the named Examiner, on the date below.	
Date 3/10/05	Signature 

RESPONSE TO RESTRICTION ACTION MAILED ON FEBRUARY 11, 2005

In response to the Restriction Action, mailed on February 11, 2005, having a shortened statutory period for response set to expire on March 11, 2005, please enter the following response directed towards the elected species. No fees are required for this filing, however, the Commissioner is hereby authorized to charge Deposit Account No. 20-0782/NVDA/P000600/JC for any fees, including extension of time fees, required to make this response timely and acceptable to the Office. Remarks begin on page 2 of this response.

NVDA/P000600

REMARKS

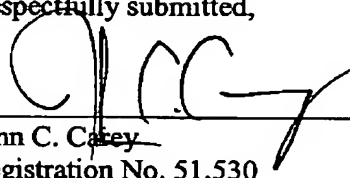
Claims 1-20 are pending in the application and are subject to a restriction and/or election requirement. The claims have been restricted under 35 U.S.C. § 121 as follows:

- I. Claims 1-10, drawn to a method for computing a jitter sub-pixel sample position for reducing aliasing, classified in class 345, subclass 613.
- II. Claims 11-15, drawn to a programmable sample generation unit for producing at least two sub-pixel sample positions, classified in class 345, subclass 582.
- III. Claims 16-20, drawn to a programmable graphics processor having a raster operations unit configured to produce sub-pixel depth values, classified in class 345, subclass 422.

Applicant provisionally elects Group I, without traverse. Applicant therefore respectfully requests withdrawal of claims 11-20, without prejudice, and prosecution of claims 1-10.

If the Examiner has any questions, please contact the Applicant's undersigned representative at the number provided below.

Respectfully submitted,



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